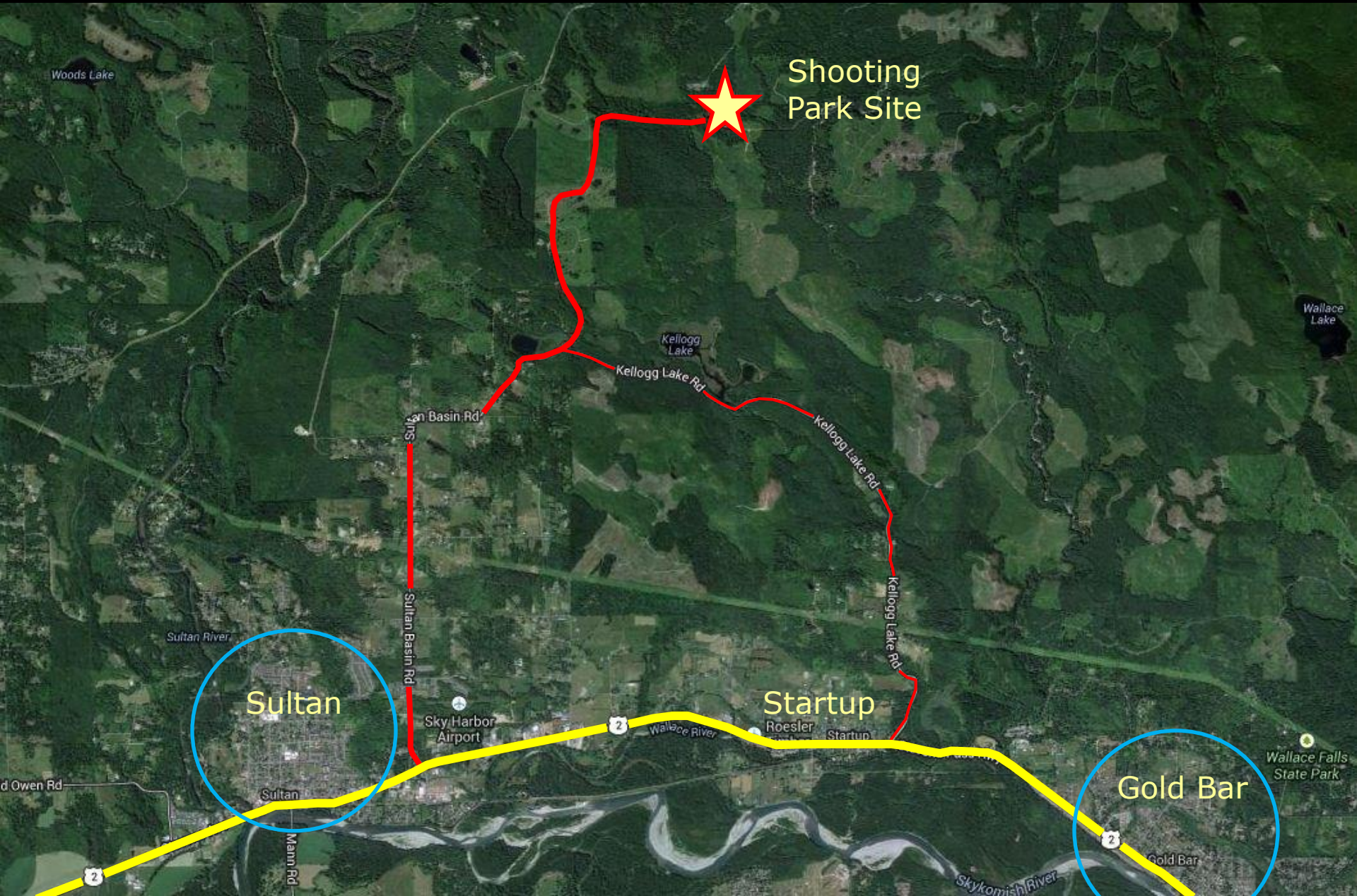
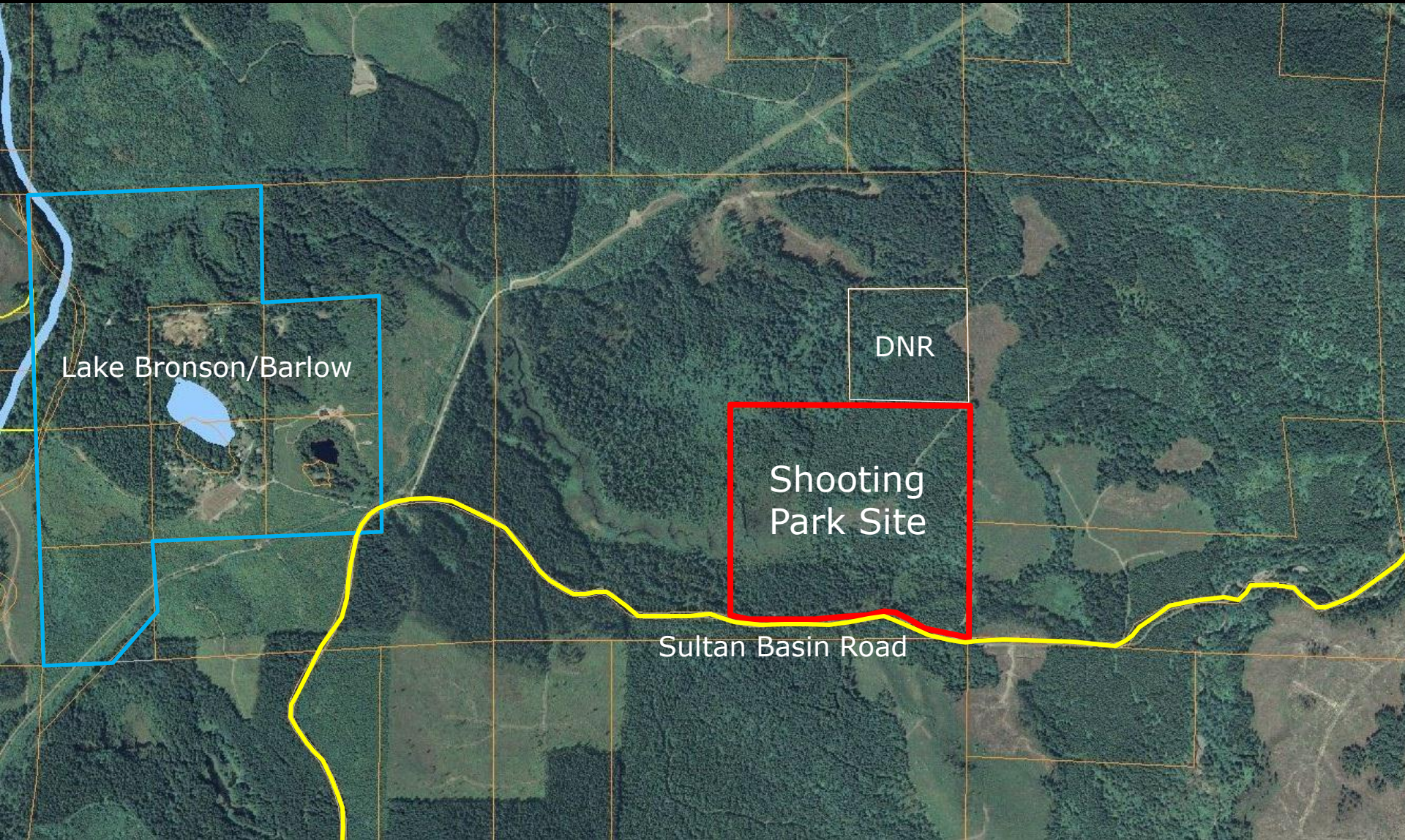


Sky Valley Shooting Park Master Plan 2014



Sky Valley Shooting Park – Master Plan 2014







Snohomish County
Parks & Recreation

Program elements:

1. Federation Internationale de Tir a L'Arc (FITA) Regulation Archery Range

- 90 meter range
- Competition and practice range
- Covered portable shooting structure (protection from elements)
- Storage for targets

Criteria

- Accommodate FITA (World Archery Association) regulations

2. 3D Archery Range

- 40 acres ideal, larger than 10 acres desired
- 30 targets
- Broadhead Slash Pit

Criteria

- Include target storage area
- Accommodate International Bow Hunting – Archery Shooters Association (IBO-ASA) regulations
- Northern orientation
- Varied topography

3. Shooting Bay Pistol Range

- Set targets at 25, 50, and 100 yards
- 8-10 bays are ideal
- Covered or partially covered outdoor structure

Criteria

- Accommodate International Practical Shooting Confederation (IPSC) events (range with doorways, windows, etc.), cowboy shooting, and three gun
- Provide separation between shooters
- Adjustable counters at shooting bays

4. Paper Target Pistol Range

- Multiple firing positions



Program elements continued:



5. Rifle Range

- 600+ yard range
- 40 benches
- Steel gongs for targets
- Open table changing targets
- Site-in lanes
- Clearing station
- Cleaning stations or designated cleaning area

Criteria

- Baffle must withstand blast back
- Change targets without shutting down
- Pits with downwardly adjusting targets
- Consider golf carts for ranges over 100 yards

6. Shotgun Skeet Range

Criteria

- Consider towers on rails (allow skeet to occur on same range as trap)

7. Shotgun Trap Range

- 10 traps

Criteria

- Can be built in phases
- Oriented to the north
- Layout to minimize cleanup

8. Black Powder Range

- 50-100 yards

Criteria

- Can be located on rifle range when not in use
- Provide adequate ventilation

9. Hunter Safety Course / Facility

- Firearms and bows

10. Restroom Structure

- Permanent facility
- Include space for chemical toilets for larger events



Program elements continued:



11. Pro Shop

- Ammunition space
- Kitchen - for event food service
- Storage for targets
- Possibly combined with restroom

12. Caretaker Residence

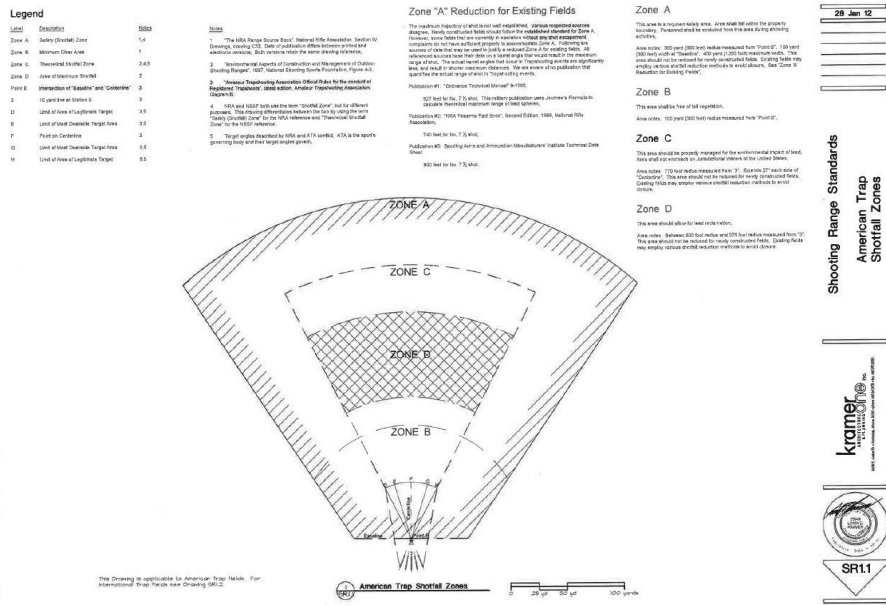
13. Parking

- Parking for everyday use
- Shuttle/bus drop-off/parking for large events
- 2-3 RV spaces with hookups

14. Range PA System

15. Flexible Spaces

- Plan for events (weddings, food trucks)



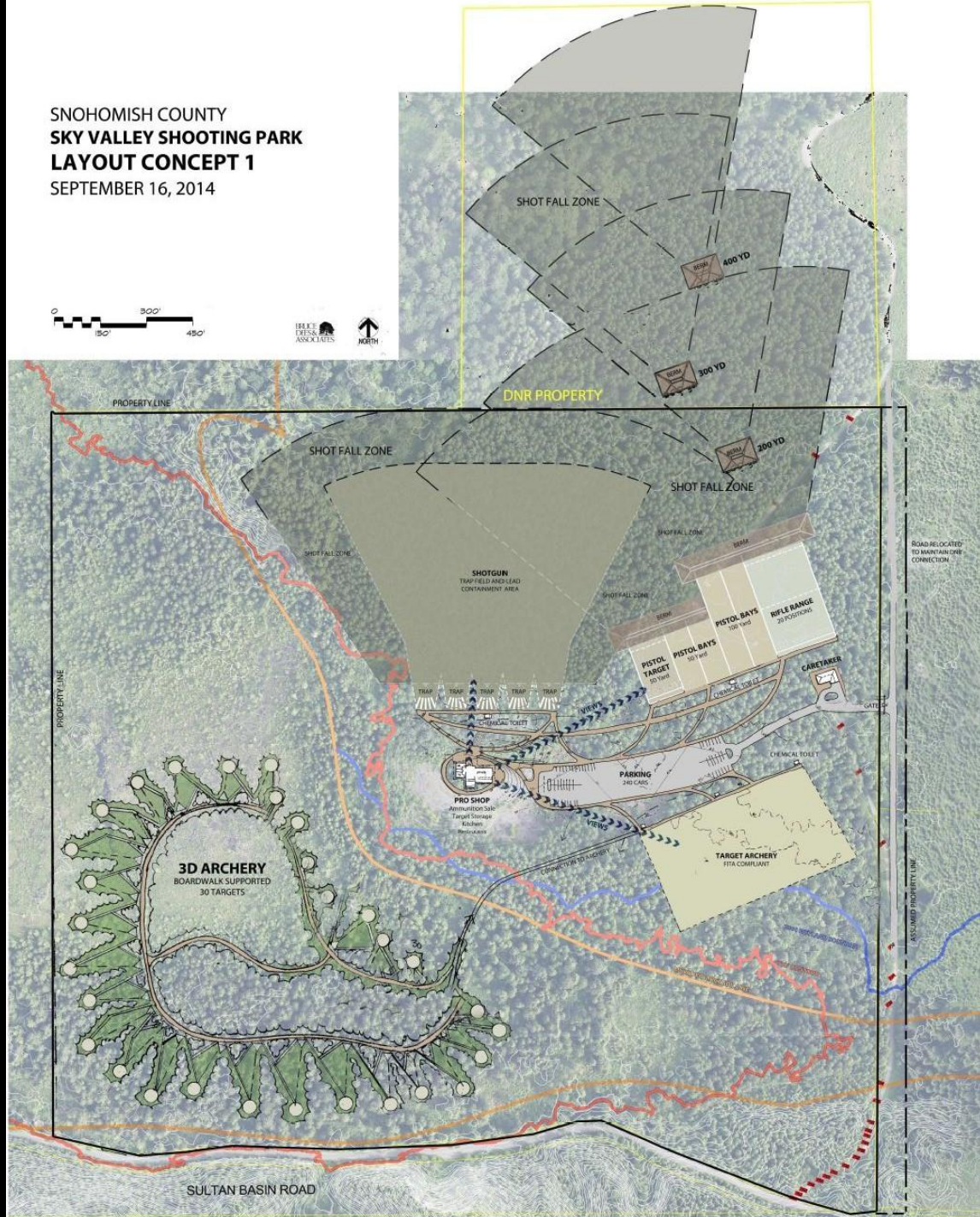
Design Criteria:

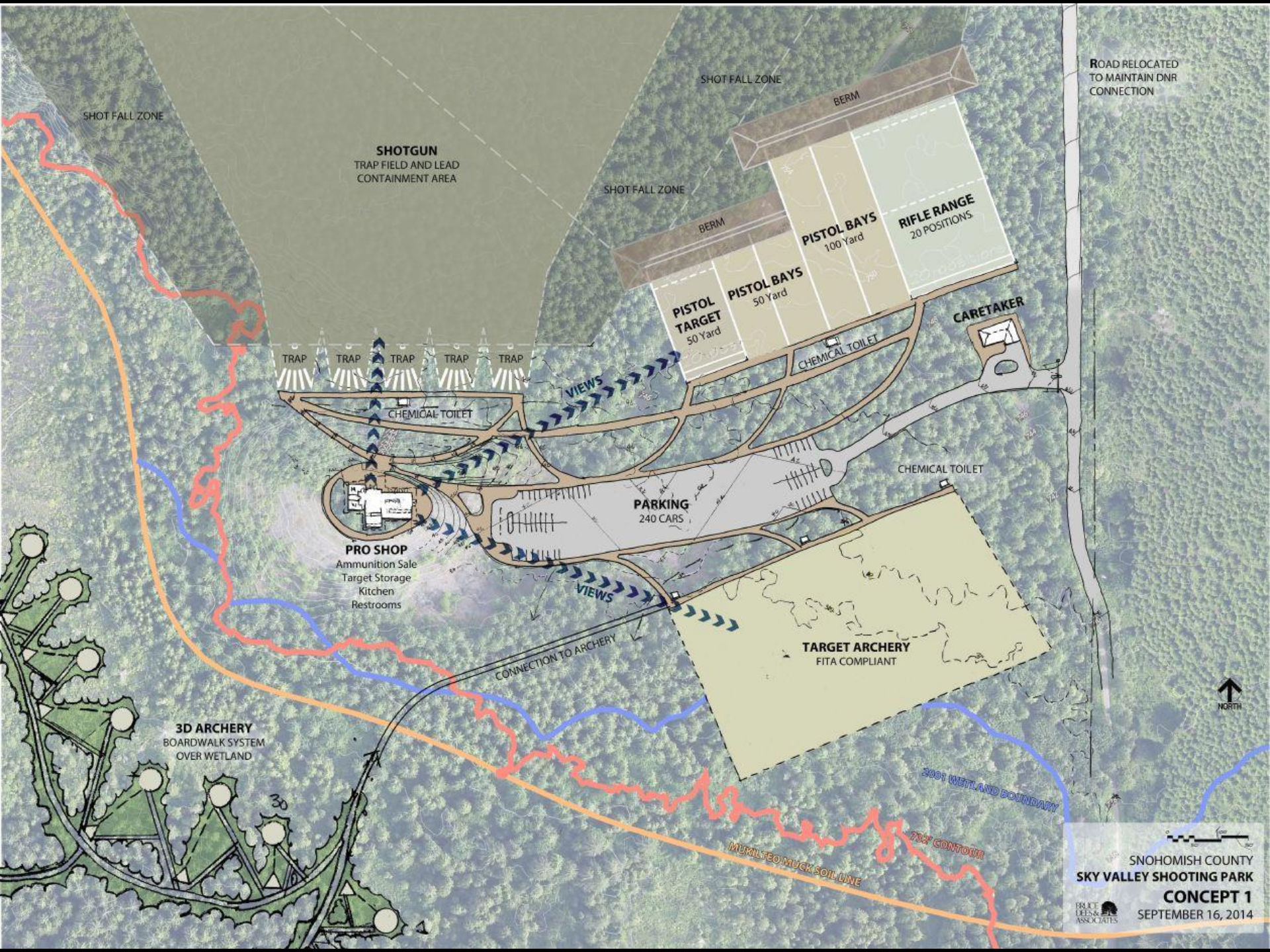


1. Neighborhood
 - Minimize sound heard by neighbors to the west
 - Serve all users while having least possible impact on neighbors
2. Environmental
 - Eliminate lead contamination of wetlands and groundwater
 - Address current lead issues on-site, if any
 - Contain future lead
3. Safety
 - Confine shooting and bullets to shooting range area
 - Incorporate Crime Prevention Through Environmental Design (CPTED) design standards
4. Design
 - Incorporate sustainable design strategies
 - Accommodate ADA in range design
 - Plan for event parking to be off-site with shuttles
 - Consider phasing in sport uses, such as archery first
 - Design to not shut down facility to public for competitions
 - Design facilities with expansion potential for future growth
 - Consider future uses in planned facility (ie hatchet throwing on the archery range)
5. Operation
 - Consider projects that could be completed by volunteers
 - Archery range can be used by other groups when not in use for archery
 - Accommodate high school teams



SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
LAYOUT CONCEPT 1
SEPTEMBER 16, 2014





ROAD RELOCATED
TO MAINTAIN DNR
CONNECTION

SHOT FALL ZONE

SHOTGUN
TRAP FIELD AND LEAD
CONTAINMENT AREA

SHOT FALL ZONE

BERM

SHOT FALL ZONE

BERM

PISTOL BAYS
100 Yard

RIFLE RANGE
20 POSITIONS

PISTOL BAYS
50 Yard

PISTOL TARGET
50 Yard

CHEMICAL TOILET

CARETAKER

TRAP

TRAP

TRAP

TRAP

TRAP

CHEMICAL TOILET

VIEWS

PARKING
240 CARS

CHEMICAL TOILET

PRO SHOP
Ammunition Sale
Target Storage
Kitchen
Restrooms

VIEWS

CONNECTION TO ARCHERY

TARGET ARCHERY
FITA COMPLIANT

3D ARCHERY
BOARDWALK SYSTEM
OVER WETLAND

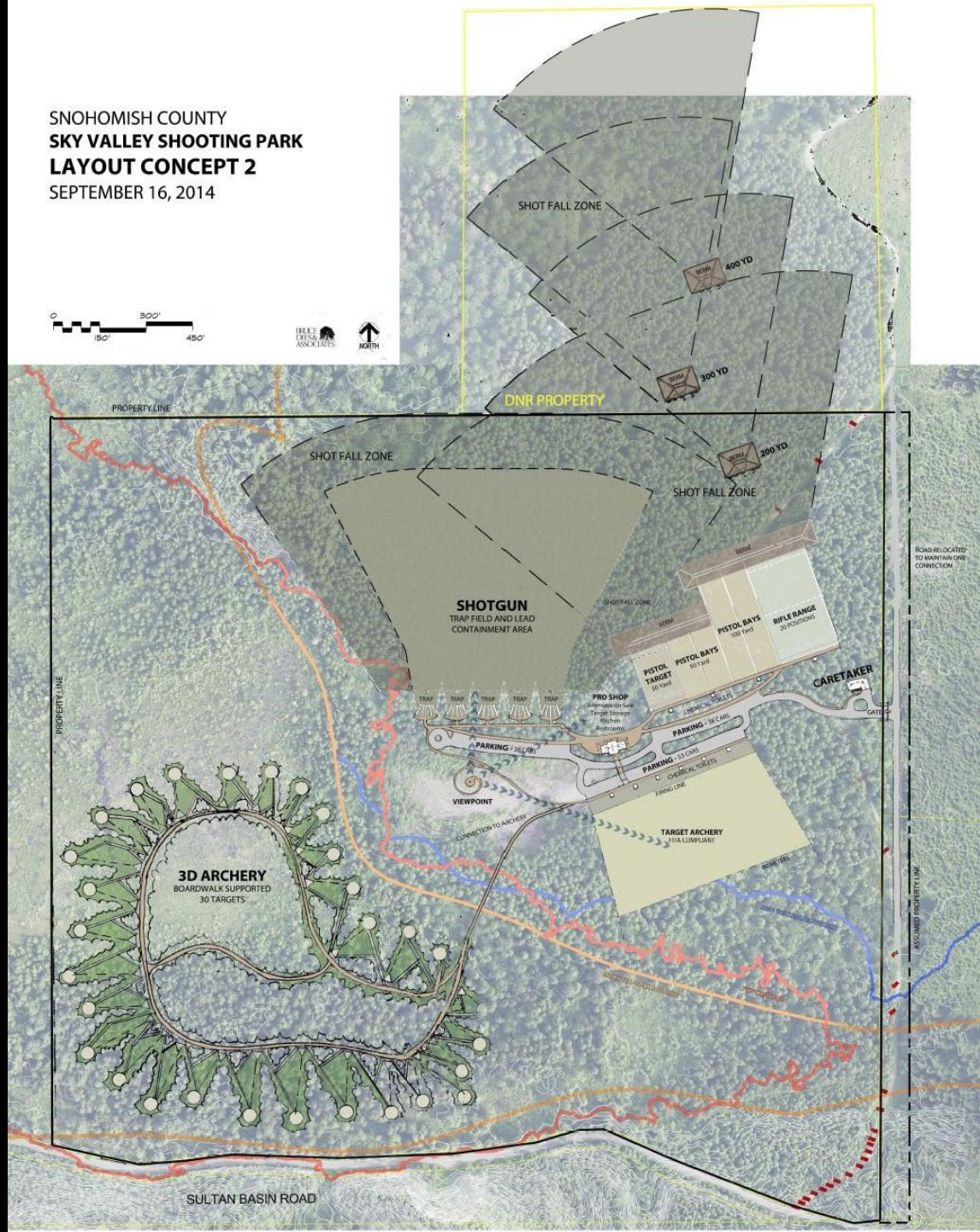
300ft WETLAND BOUNDARY

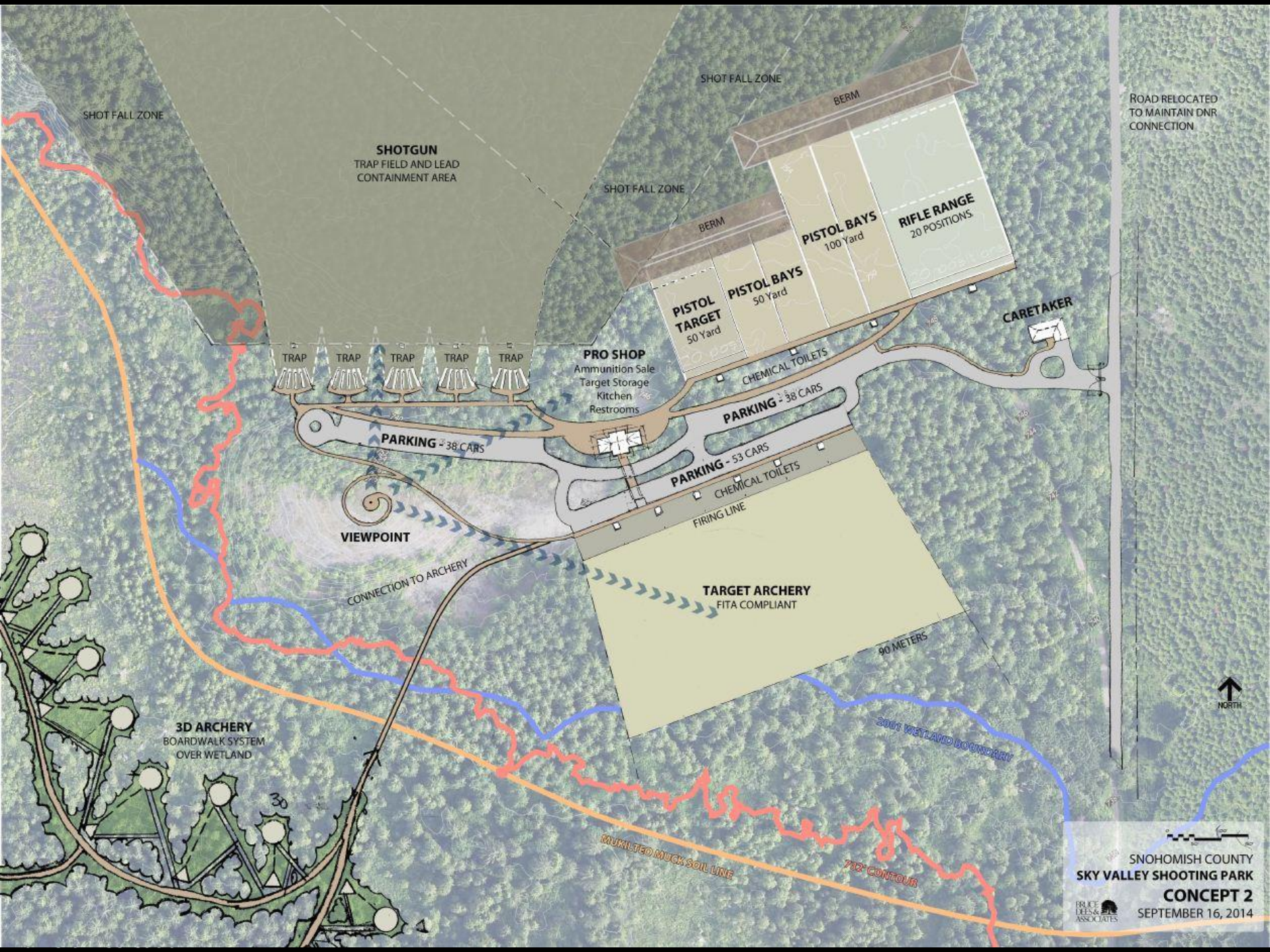
MUCK SOIL LINE

75' CONTOUR



SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
LAYOUT CONCEPT 2
SEPTEMBER 16, 2014





ROAD RELOCATED
TO MAINTAIN DNR
CONNECTION

SHOT FALL ZONE

SHOTGUN
TRAP FIELD AND LEAD
CONTAINMENT AREA

SHOT FALL ZONE

SHOT FALL ZONE

BERM

BERM

PISTOL TARGET
50 Yard

PISTOL BAYS
50 Yard

PISTOL BAYS
100 Yard

RIFLE RANGE
20 POSITIONS

CARETAKER

PRO SHOP
Ammunition Sale
Target Storage
Kitchen
Restrooms

TRAP TRAP TRAP TRAP TRAP

PARKING - 38 CARS

PARKING - 38 CARS

PARKING - 53 CARS

CHEMICAL TOILETS

FIRING LINE

VIEWPOINT

CONNECTION TO ARCHERY

TARGET ARCHERY
FITA COMPLIANT

90 METERS

3D ARCHERY
BOARDWALK SYSTEM
OVER WETLAND

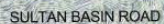
SOFT WETLAND BOUNDARY

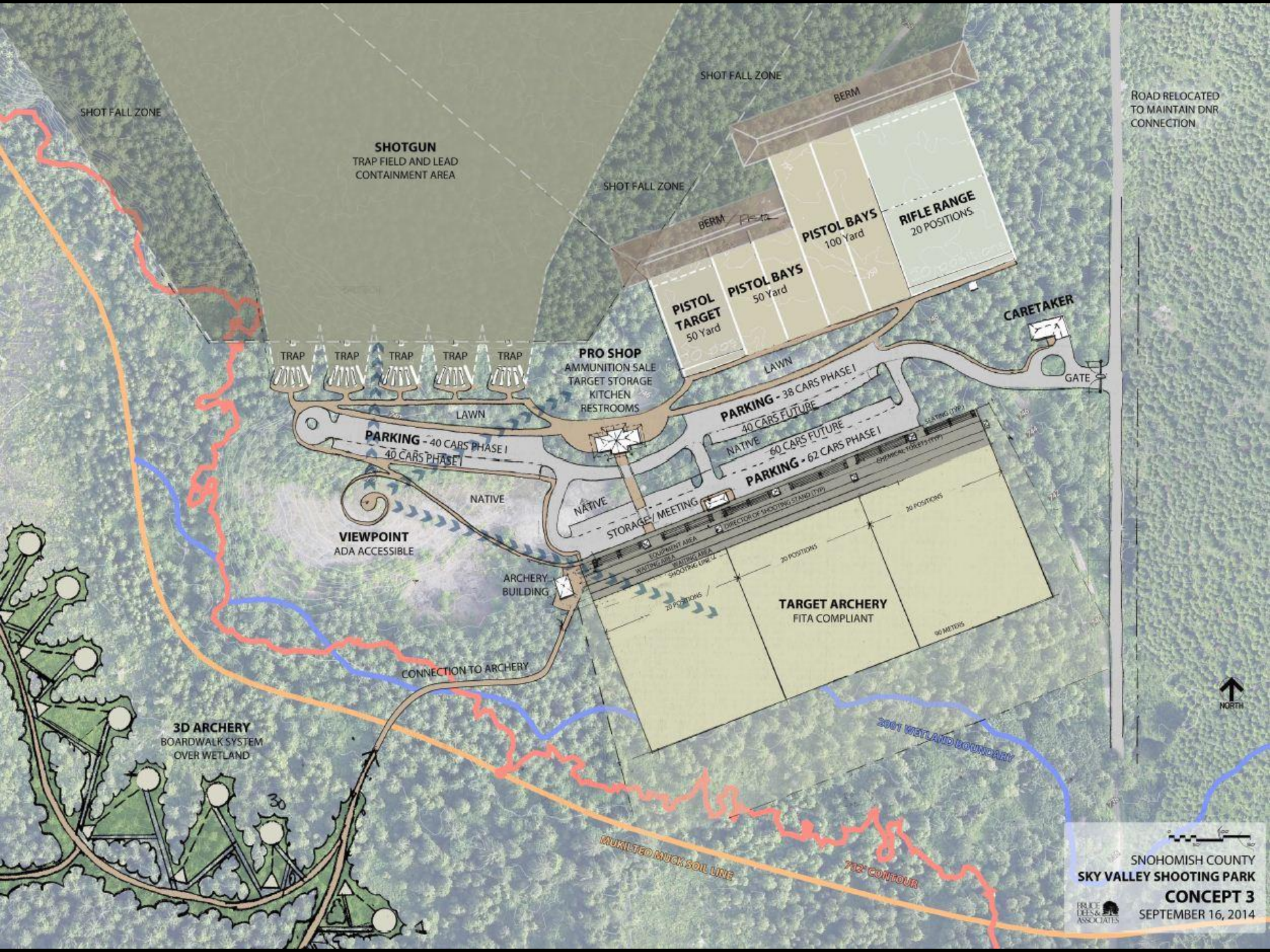
MUCKED MUCK SOIL LINE

750' CONTOUR



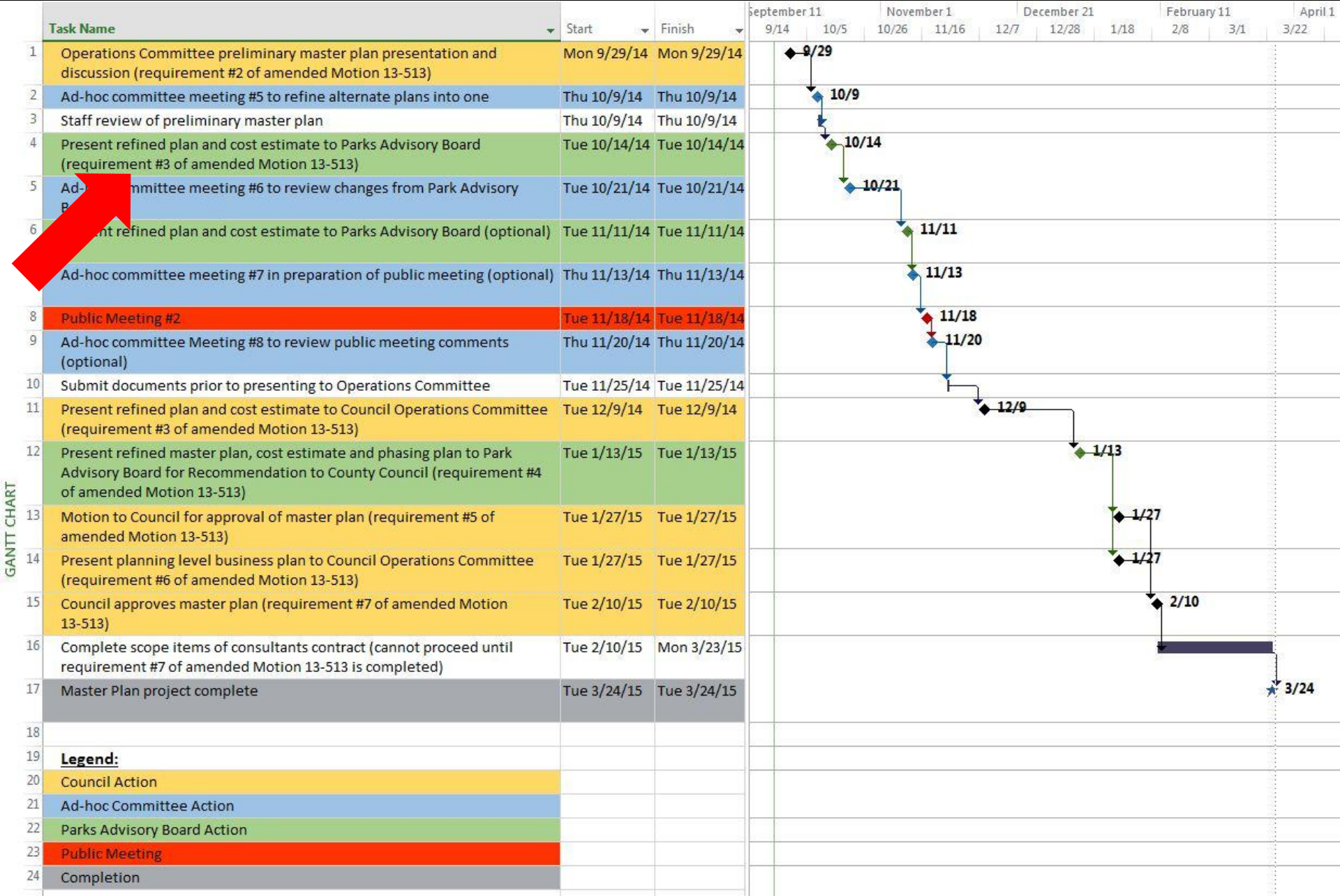
SEPTEMBER 16, 2014

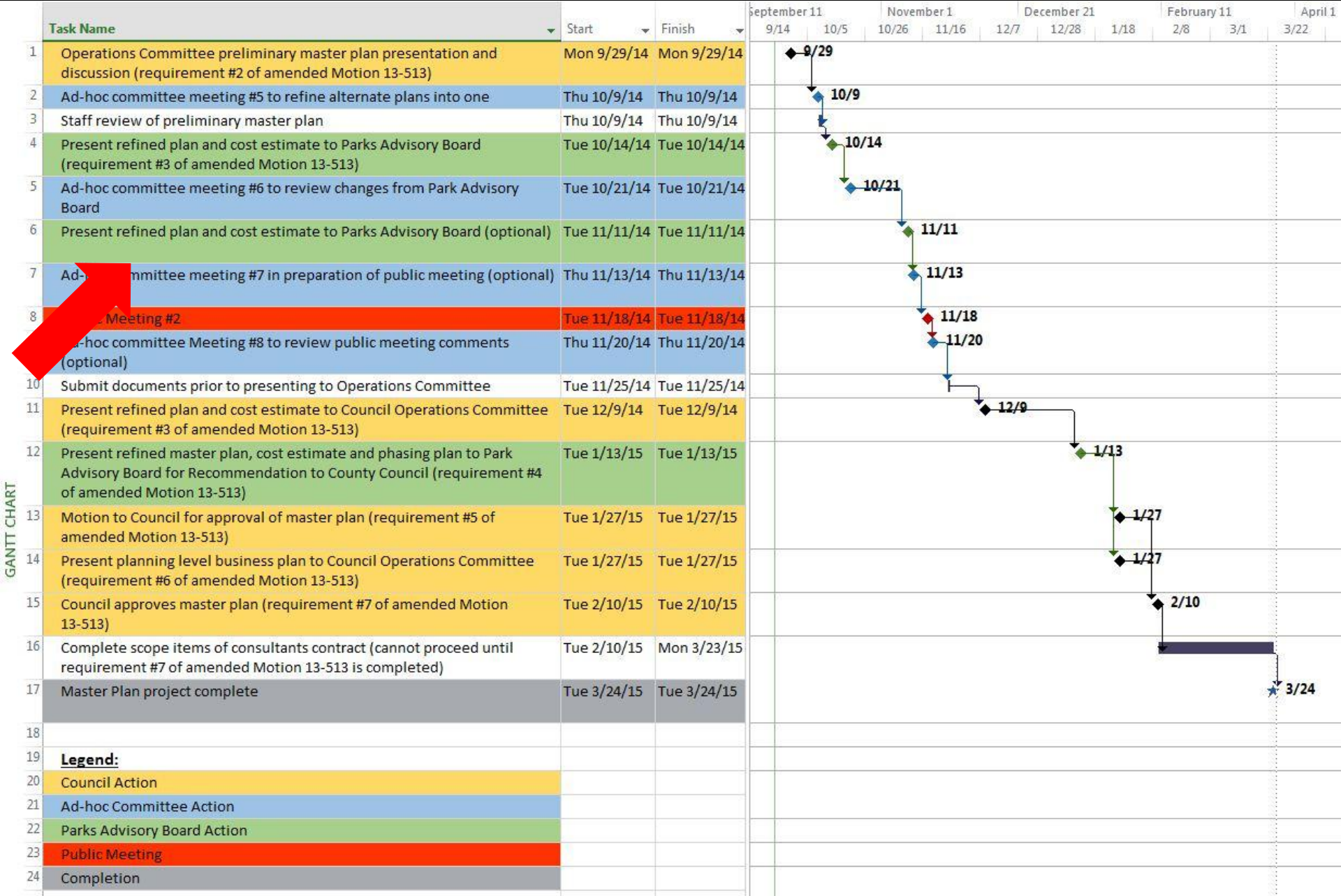


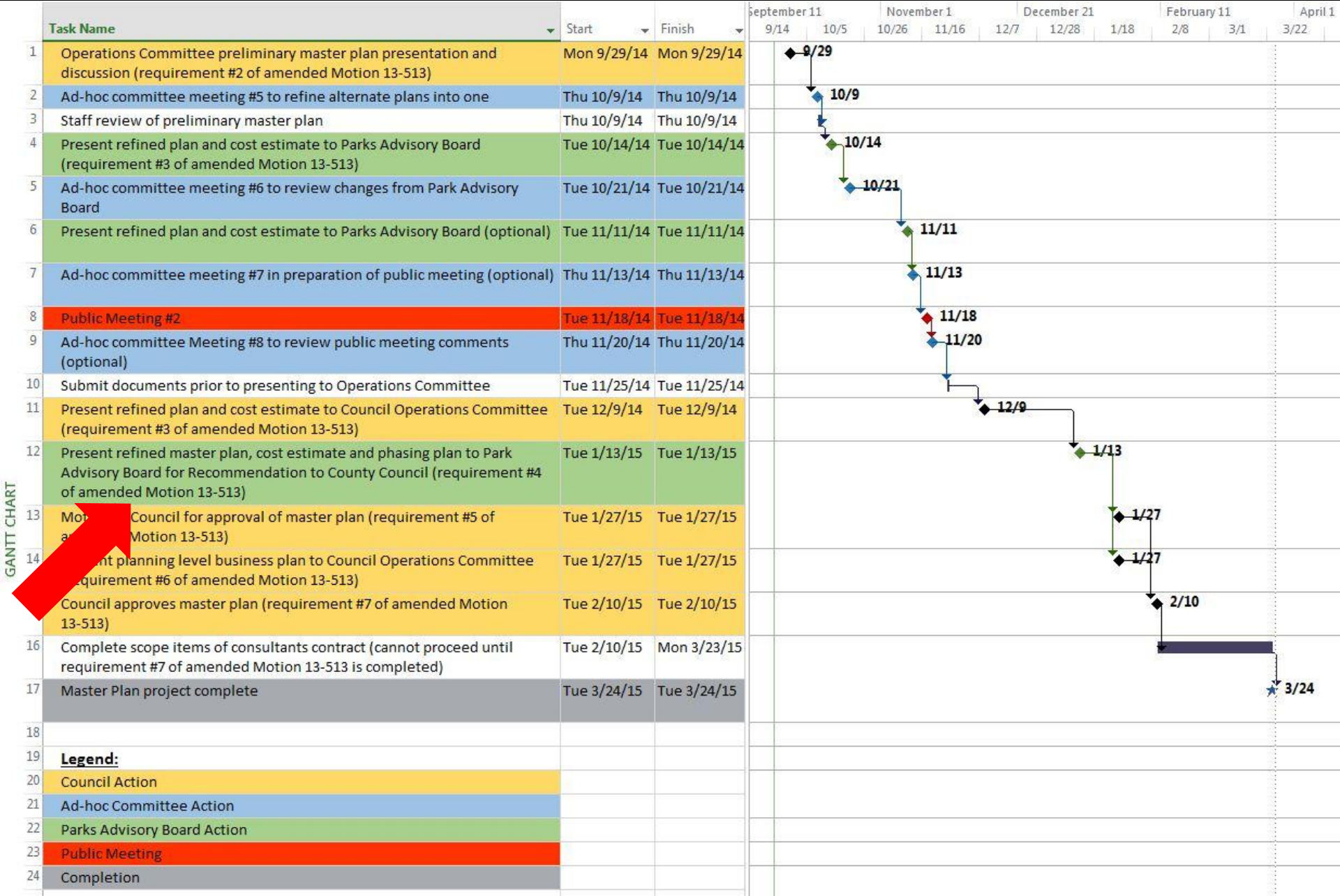


ROAD RELOCATED
TO MAINTAIN DNR
CONNECTION











Snohomish County
Parks & Recreation



FLAT FIELD ARCHERY

3D ARCHERY





BAFFLING



REMEMBER
LOAD ONE ROUND
AT A TIME

REMEMBER
LOAD ONE ROUND
AT A TIME

WESTMORELAND

NO
BRASS

RIFLE RANGE



RIFLE RANGE

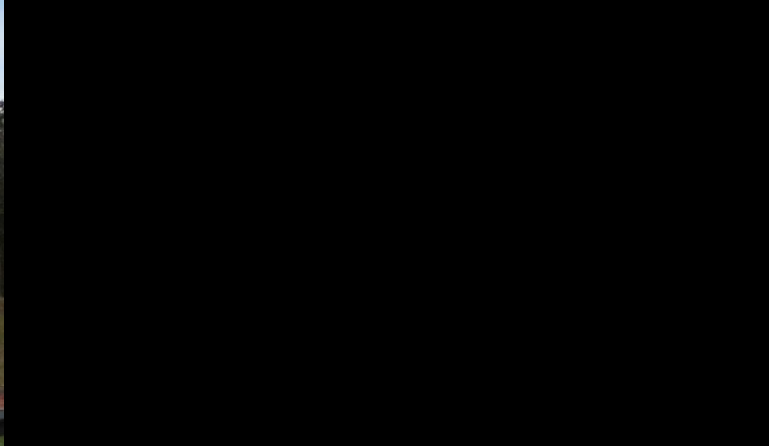


PISTOL BAYS



Snohomish County
Parks & Recreation

PISTOL RANGE



SHOTGUN SPORTS

